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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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of

Complete if Known

Application Number 10/766,442

Filing Date January 27, 2004

First Named Inventor Benjamin K. Gibbs

Art Unit 2135

Examiner Name

Attorney Docket Number 42P11579C2

U.S. PATENT DOCUMENTS							
Examiner Initiats*	Cite No.'	Document Number Number - Kind Code ^a (if known)	Publication Date or Issue Date MM-DD-YYYY	Name of Patentee or Applicant of Ciled Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear		
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	FOREIGN PATENT DOCUMENTS							
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Examiner Signature	/Hosuk Song/	Date Considered	04/30/2007	
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'Applicant's unique citation designation number (optional).'See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04.'Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3).'For Japanese patent documents, the indication of the year of reign of the Emperor must precede the serial number of the patent document. 'Nind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible applicant is to place a check mark here if English language Translation is attached.

Based on PTO/SB/08A (08-03) as modified by Blakely, Solokoff, Taylor & Zafman (wtr) 08/11/2003.

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LIST OF PATENTS AND OTHER ITEMS FOR APPLICANT'S INFORMATION DISCLOSURE STATEMENT

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APPLICANT: GIBBS, Benjamin K. et al.

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GROUP: Not Yet Assigned

EVALUED	Υ		U.S.	PATENT DOCUMENTS			
EXAMINER INITIAL	ļ	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB	FILING
/HS/	AA	4,713,780	12/15/87	Schultz, et al.	364	CLASS 514	04/15/85
	AB	4,934,846	06/19/90	Gilham	400	104	02/27/89
_	AC	5,093,918	03/03/92	Heyen, et al.	395	725	12/22/88
	AD	5,377,354	12/27/94	Scannell, et al.	395	650	06/08/93
	AE	5,434,918	07/18/95	Kung, et al.	380	25	12/14/93
_	AF	5,493,692	02/20/96	Theimer et al.	455	26.1	12/14/93
<u> </u>	AG	5,604,803	12/18/97	Aziz	380	25	06/03/94
V	АН	5,606,668	02/25/97	Shwed	395	200.11	12/15/93

			FOREIG	N PATENT DOCUMENTS				
EXAMINER -		DOCUMENT NUMBER	DATE	60		SUB	1 .	LATION
/HS/			DATE	COUNTRY	CLASS	CLASS	YES	NO '
	AI	WO 97/49251	12/24/97	PCT	HO4N 11/00	Al		
/HS/	AJ	WO 98/51064	11/12/98	PCT	H04M 3/42	Al		

		OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)
	AK	M. Wagner, Cyber Junk, Computerworld, Aug. 26, 1996, Vol. 30, No. 35, p. 28
/HS/	AL	B. Cole-Gomolski, Message Managers Aim to Control Lunk B. mail Control Lunk B.
	AM	G. Faulkner, A New and Nasty Way to Flood Networks with Spam, Lantimes, http://www.lantimes.com/97/97sep/709c040a.html >, Sept. 1997,
	AN	P. Collinson, Putting a Stop to Spam, Centaur Communications EXE, Nov. 3, 1997
<u> </u>	AO	Table of Contents, Choking on Spam, Nov. 1997, Vol. 17, No. 13, p. 105
	AP	Communications Software, Help Block Spam, Dec. 1997, Vol. 10, No. 12, p. 286
	AQ	PC/Computing, Spam Killers, Dec. 1997, Vol. 10, No. 12, p. 433
_	AR	D. Blankenhorn, Datamation, You Can Win The War Against Spam!, http://www.datamation.com/PlugIn/issues/1998/august/08web.html >, Aug. 1998
Ψ	AS	E. Gabber, et al., How to Make Personalized Web Browsing Simple, Secure, and Anonymous, Feb. 1997, p. 1-16.
EXAMINE	R:	DATE CONSING Shiple, Secure, and Anonymous, Feb. 1997, p. 1-16.

Not Yet Assigned

/Hosuk Song/

DATE CONSIDERED:

04/16/2007

LIST OF PATENTS AND OTHER ITEMS FOR APPLICANT'S INFORMATION DISCLOSURE STATEMENT

(Use several sheets if necessary)

ATTY. DOCYTNO. 和图的57902

SERIAL NO. 09/038,105

APPLICANT:

GIBBS, Benjamin K. et al.

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GROUP:

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/HS/	AX	5,542,046	07/30/96	0-1		- - - - - - - - - - 	т
Ī		-,01-,010	07/30/96	Carlson et al.	395	186	06/02/95
 	AY	5,732,137	03/24/98	Aziz	380	25	01/03/97
ـــــ	AZ	5,740,361	04/14/98	Brown	395	187.01	06/03/96
	BA	5,751,813	05/12/98	Dorenbos	380	49	
<u> </u>	BB	5,751,814	05/12/98	Kafri	380	49	04/29/96
	BC	5,764,772	06/09/98	Kaufman et al.	380		06/25/96
	BD	5,787,178	07/28/98	Schwenk		30	12/15/95
	BE	5,850,446	12/15/98		380	30	04/12/96
	BF	5,852,665		Berger et al.	380	24	06/17/96
1			12/22/98	Gressel et al	380	30	07/18/96
<u> </u>	BG	5,857,022	01/05/99	Sudia	380	23	02/19/97

/\	HS/	вн	OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.) L. Blum, et al., A Simple Unpredictable Pseudo-Random Number Generator, Siam Journal On Computing, March 1986, Vol. 15, No. 2, pp. 364-383			
		ВІ	Nist, The Digital Standard Signature Standard, Communications of the Law, July 1992, Vol. 35, No. 7, pp. 36-40			
	·	BJ	C. Dwork, et al., Pricing Via Processing or Combatting Junk Mail, Proc. of Crypto, Aug. 1992, pp. 39-145			
		вк	Y. Matias, et al., Lightweight Security Primitives for F. Commons in an all the security Primitives for F. Commons in an all the security Primitives for F. Commons in an all the security Primitives for F. Commons in an all the security Primitives for F. Commons in an all the security Primitives for F. Commons in an all the security Primitives for F. Commons in an all the security Primitives for F. Commons in a security Primitive Pri			
		BL	D. Bleichenbacher, et al. On Secure and Pseudonymous Client-Relationships with Multiple Servers, May 1998, p. 1-14.			
1	/	ВМ	W. Diffie, The First Ten Years of Public-Key Cryptography, Proceedings of the IEEE, Vol. 76, No. 5, May 1988, p. 560-577.			

EXAMINER: Not Yet Assigned

/Hosuk Song/

DATE CONSIDERED:

04/16/2007

LIST OF PATENTS AND OTHER ITEMS FOR APPLICANT'S INFORMATION DISCLOSURE STATEMENT

(Use several sheets if necessary)

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	·		U.S.	PATENT DOCUMENTS			······································
EXAMINER INITIAL	ļ	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE
/HS/	AA-	4,200,770	04/29/80	Hellman et al.	178	22	09/06/77
	AB	4,218,582	08/19/80	Hellman, et al.	178	22	10/06/77
	AC	4,281,215	07/28/81	Atalla	178	22.08	05/03/78
	AD	4,309,569	01/05/82	Merkle	178	22.08	09/05/79
	AE	4,405,829	09/20/83	Rivest et al.	178	22.1	12/14/77
	AF	4,881,264	11/14/89	Merkle	380	25	07/30/87
	AG	4,977,595	12/11/90	Ohta et al.	380	24 .	03/28/90
	AH	5,003,597	03/26/91	Merkle	380	37	12/21/89
	AI	5,142,577	08/25/92	Pastor	380	21	12/17/90
	AJ	5,204,961	04/20/93	Barlow	395	725	06/25/90
	AK	5,224,164	06/29/93	Elsner	380	44	05/20/91
_	AL	5,231,668	07/27/93	Kravitz	380	28	07/26/91
	AM	5,307,412	04/26/94	Vobach	380	42	09/30/92
·	AN	5,319,710	06/07/94	Atalla et al.	380	23	08/22/86
	Α̈́O	5,349,649	09/20/94	Iijima	395	275	03/30/92
	AP	5,351,293	09/27/94	Michener et al.	380	21	02/01/93
1	AQ	5,367,573	11/22/94	Quimby	380	25	07/02/93
	AR	5,371,796	12/06/94	Avame	380	23	06/01/93
· -	AS	5,432,852	07/11/95	Leighton et al.	380	30	09/29/93
	AT	5,473,691	12/05/95	Menezes et al.	380	25	11/05/93
	AU	5,479,514	12/26/95	Klonowski	380	47	02/23/94
	A,V	5,537,475	07/16/96	Micali	380	30	02/01/94
V	AW	5,539,826	07/23/96	Dwork et al.	380	25	12/29/93

EXAMINER: Not Yet Assigned

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LIST OF PATENTS AND OTHER ITEMS FOR APPLICANT'S INFORMATION DISCLOSURE STATEMENT

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ATTY. DOCK NO.	SERIAL NO.
APPLICANT: GIBBS, Benjamin K. et al.	
FIUNG DATE:	GROUP: Not Yet Assigned

- 1	/H:	S/	ŀ	
	,,,,,	<u> </u>	AT	L.C. Cranor, et al., Spam!, Communications of the ACM, Vol. 41, No. 8, August 1998, p. 74-83.
			AU	labs.com/projects/lpwa/> on or after lune 1997 = 1.2
			AV	News & Info, News Release, Lucent Technologies Introduces Technology That Protects Net Surfers' Privacy,
			AW	http://www.wired.com/news/technology/stopy/4375 hands
			AX	Lucent Introduces Personal Protection Technology, News Watch, http://www.zdnet.com/icom/news/199706/12/news2.html , June 12, 1997, p. 1-2.
1			AY	a2i(rahul.net) anti-junk-email-features, http://www.rahul.net/guest/nojunk.html , 1998, p. 1-2.
	<u>\</u>	/	AZ	a2i-nojunk anti-junk-email system, http://www.rahul.net/gu7est/a2i-nojunk.l.txt , date unknown p. 1-16

EXAMINER: Not Yet Assigned

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DATE CONSIDERED:

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LIST OF PATENTS AND OTHER ITEMS FOR APPLICANT'S INFORMATION DISCLOSURE STATEMENT

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			U.S. 1	PATENT DOCUMENTS			
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE
/HS/	AA .	5,619,648	04/08/97	Canale, et al.	395	200.01	11/30/94
/HS/	AB	5,826,022	10/20/98	Nielsen	395	200.36	04/05/96

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EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB	TRANS	LATION NO
/HS/	ÁC	WO 97/46962	12/11/97	PCT	G06F 17/60	CLASS	123	NO
/HS/	AD	WO 98/00787	01/08/98	PCT	G06F 13/00	Al	<u> </u>	
/HS/	AE	WO 98/37680	08/27/98	PCT	H04M	A2		

			OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)
	/HS/		A. Arensburger, et al., To Take Arms Against a Sea of Email, Communication of the ACM, March 1995, Vol. 38, No. 3, pp. 108-109
Į	/HS/	AG	T. Bass, et al., A Simple Framework for Filtering Queued SMTP Mail (Cyberwar Countermeasures), MILCOM 97 Proceedings, 11/5/97, Vol. 3, pp. 1140-1144

EXAMINER: Not Yet Assigned

/Hosuk Song/

DATE CONSIDERED:

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LIST OF PATENTS AND OTHER ITEMS FOR APPLICANT'S INFORMATION DISCLOSURE STATEMENT

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/HS/	ΆΑ	WO 98/18249	04/30/98	PCT	H04L -29/06	CLASS	YES	NO
/HS/	AB	WO 98/51116	11/12/98	PCT	H04Q	Al		
/HS/	AC	WO 99/04344	01/28/99	PCT	G06F 13/00	A2		<u>·</u>

		OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)
/HS/	AD	R. J. Hall, How to Avoid Unwanted Email, Communications of the ACM, March 1998, Vol. 41, No. 3, pp. 88-95
/HS/	AE	E. Gabber, et al., Curbing Junk E-Mail via Secure Classification, in or after May 1998, p. 1-12.
/HS/	AF	R.J. Hall, Channels: Avoiding Unwanted Electronic Mail, American Mathematical Society, 1997, p. 1-17.

EXAMINER: Not Yet Assigned

/Hosuk Song/

DATE CONSIDERED:

04/16/2007

LIST OF PATENTS AND OTHER ITEMS FOR APPLICANT'S INFORMATION DISCLOSURE STATEMENT

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GIBBS, Benjamin K. et al.

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	·		U.S. 1	PATENT DOCUMENTS			
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE
/HS/	AA	5,592,553	01/07/97	Guski, et al.	380	23	02/08/96
/HS/	AB	5,638,446	06/10/97	Rubin	380	25	08/28/95
/HS/	AC	5,958,051	09/28/99	Renaud, et al.	713	200	01/09/97

	·		FOREIG	PATENT DOCUMENTS			 .	
EXAMINER INITIAL	· 	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB CLASS	TRANS	LATION NO
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LIST OF PATENTS AND OTHER ITEMS FOR APPLICANT'S INFORMATION DISCLOSURE STATEMENT

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		•	U.S.	PATENT DOCUMENTS			·
XAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB	FILING
/HS/	AA	5,440,634	08/08/95	Jones et al.	380	CLASS	DATE
<u> </u>	AB	AB 5,542,046 AC 5,634,012	07/30/96	Carlson et al.	395	24	08/16/93
	AC		05/27/97	Stefik, et al.	395	186	06/02/95
-	AD	5,764,762	06/09/98	Kazmierczak et al.	380	239	11/23/94
Ψ_{\perp}	AE	5,825,883	10/20/98	Archibald et al.		4	10/28/96
		OTHER DOCUM		ding Author, Title, Date, Pertine	380	25	10/31/95
/HS/	AF	i .				·	
/HS/	ĀĠ	N. Asokan, et al., The St Sept. 1997, pp. 28-35	ate of the Art	nerce, Communications of the AC in Electronic Payment Systems, C	M, Jan. 1996, Vomputer, The I	ol. 39, No.	I, p. 154

EXAMINER: Not Yet Assigned

/Hosuk Song/

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			1 119- 1	6,240,		5/2001	Ginzboorg et al.				
			US-	3,123,313		9/2000	Maher Chaum		↓		
\/		\		4,996,7		2/1991					
			US- 6,112,30		305	8/2000	Dancs et al.		_		
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